(d) if so, the reasons therefor and the measures taken to correct the situation?

THE MINISTER OF STATE OF THE MINISTRY OF COAL (SHRI DILIP RAY): (a) Grade-wise production of A to G grades of non-coking coal and of different grades of coking, semi-coking coal, including steel/washery grades in the subsidiary companies of Coal India Ltd. during each of last three years is shown in the ANNEXURE *[See Appendix 184, Annexure No. 40]*

(b) The details of calorific value and ash content ranges of these coking and non-coking coals are indicated in the Annexure. *[See Appendix 184, Annexure No. 40]*

(c) Yes, Sir.

(d) In general, superior grades of coking and non-coking coal reserves in India are available at the depth to the mined through underground workings. Over the years as the mines got older and deeper, the geo-mining conditions in underground working became arduous causing decline in output from such mines. Coal India has taken the following measures to correct/improve the situation:

(i) Increased adoption of intermediate technology through use of SDL, and LHD in bord and pillar workings in underground mines.
(ii) Introduction of modern technology in selective underground mines.
(iii) Improvement of underground mechanised longwall face.
(iv) Improved working conditions in mines through better lighting, ventilation and communication.
(v) Introduction of "All Men All Job" concept wherever feasible.
(vi) Improvement in the power supply particularly in the mines in Eastern Region and setting up of Captive Power Plants in selected locations.
(vii) Improvement in industrial relations through participative management at all levels.

Valuation of stocks of CIL

1213. SHRI MOHINDAR SINGH KALYAN: Will the Minister of COAL be pleased to state:

(a) whether stocks of CILs' subsidiaries and valuation thereof have been verified by an independent agency;

(b) whether in the last two years' accounts any provision has been made for quality of coal stocks and shortage in stocks and deduction on account of quality of coal;

(c) if so, the details thereof; and

(d) what is the total value of coal India's accumulated losses and the causes thereof?

THE MINISTER OF STATE OF THE MINISTRY OF COAL (SHRI DILIP RAY): (a) Coal India Limited (CIL) has reported that after annual inventory of coal stock of subsidiaries by Coal India officials, check measurement of 10% identified mines is conducted by engaging surveyors drawn from independent agencies like Indian Bureau of Mines, Mineral exploration Corporation Limited and Singareni Collieries Company, Limited.

(b) and (c) Provisions made by CIL for quality and shortage in term of value for 1995-96 and 1996-97 for CIL as a whole are given below:

(Rs. in crores)

Year	Provision for quality	Provision for shortage
1995-96	117.92	17.46
1996-97	89.42	48.62

(d) The accumulated losses of CIL as on 31.3.97 were Rs. 1040.31 crores as against the accumulated losses of Rs. 2498.98 crores in 1990-91 since CIL has earned profits in the last six years the accumulated losses have been reduced

substantially. The main reasons of these accumulated losses upto 1990-91 were due to unremunerative prices and high incidence of wage related costs arising out of 90 successive wage revisions.

Captive coal Mines in coal fields

1214. SHRI NARENDRA PRADHAN: Will the Minister of COAL be pleased to state:

(a) the number of captive coalmines in various coal-fields of the country; and

(b) the organisations which have been permitted or are likely to be permitted to do mining in the said coal mines?

THE MINISTER OF STATE OF THE MINISTRY OF COAL (SHRI DILIP RAY): (a) 57 coal mining blocks (72 including sub-blocks) have been identified by Coal India Limited (CIL) and 11 coal mining blocks have been identified by Singareni Collieries Company Limited (SCCL) for captive mining.

(b) 28 coal mining blocks in all have been allotted for captive mining. The details of the parties to whom these blocks have been allotted are indicated in the Statement (See below).

Statement

List of Captive Mining blocks allotted

Sl. No.	Coal Field	Block	Name of Allottee
	Eastern Coalfields Ltd.		
1.	Raniganj	Sarisatolli	RPG IND./CESC
2.	Raniganj	Tara (West)	WBPDCL
3.	Raniganj	Tara (East)	WBSEB
	Central Coalfields Ltd.		
4.	Auranga	Jagaldagga	BSMDC
5.	Jayanti	Jayanti	BSMDC
6.	North Karanpura	Dumargarh	NTPC
	Wesstern Coalfields Ltd.		
7.	Mohanpani	Gotitoria(East)	BLAIND.
8.	Mohanpani	Gotitoria(West)	BLAIND.
9.	Wardha	Lohara(West)	NDIL/CICCO
10.	Wardha	Baranj I to IV	-do-
11.	Wardha	Manora II	-do-
12.	Wardha	Lohara Extn.	-do-
13.	Wardha	Lohara(East)	ACC
14.	Wardha	Takli-Jeja-Bellora (North)	Lloyds Metals
15.	Wardha	Takli-Jena-Bellora (South)	Central Collieries
	South Eastern Coalfields Ltd.		
16.	Hasdeo-Arand	Bisrar	ACC
17.	Mand Raigarh	Gare-Plama IV/2	Jindal Strips
18.	Mand Raigarh	Gare-Plama IV/1	Jindal Power
19.	Mand Raigarh	Gare-Plama IV/3	Jindal Power
20.	Mand Raigarh	Gare-Plama IV/4	Phoenix
21.	Mand Raigarh	Gare-Plama IV/5	Monnet Ispat
22.	Mand Raigarh	Gare-Plama IV/8	J.K. Corp.